Collecting Expertise of Researchers for Finding Relevant Experts in a Peer-Review Setting

- **Problem:** Finding Experts for a Program Committee
  - Facilitate the task of Conference Chairs or Organizers

- **Approach:** Collecting dataset of Expertise
  - Crawl Public Data Sources: DBLP
  - Linking topics of Expertise to Existing Ontologies e.g. SwetoDblp
  - Might require the creation of a Taxonomy of Topics
  - Preliminary work: Dataset containing 100 topics for 1200+ researchers used in Annotation Demo of ISWC2006

- **Measuring Expertise using:**
  - Publication Impact of Conferences and Journals
  - Number of Publications, Publication History etc.

- **Proposed Evaluation Strategy**
  - Comparing results of Computer-based System vs. Program Committees of previous conferences

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